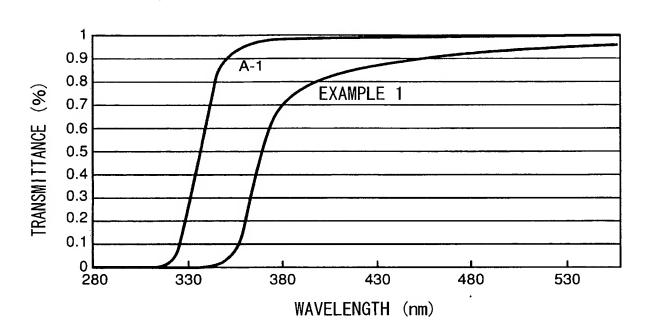
FIG. 1



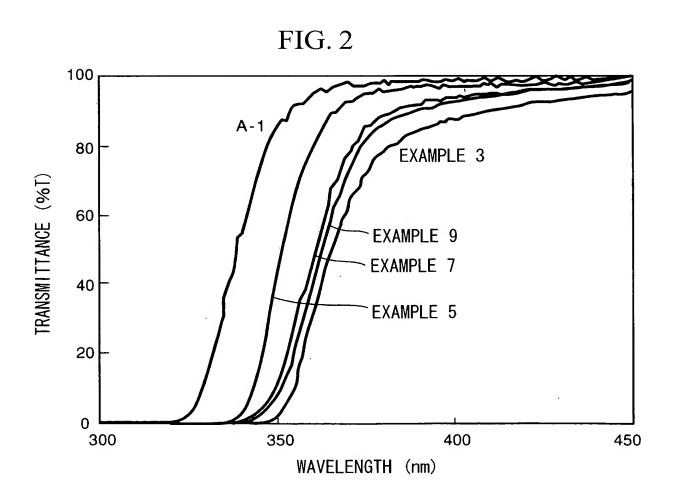
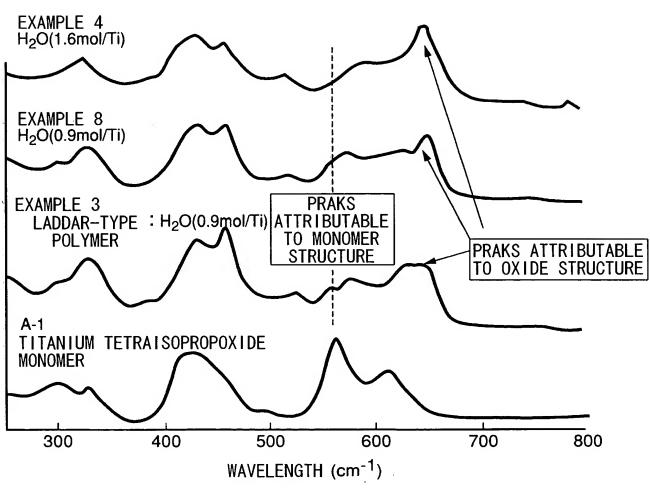


FIG. 3



Raman SPECTRA

FIG. 4

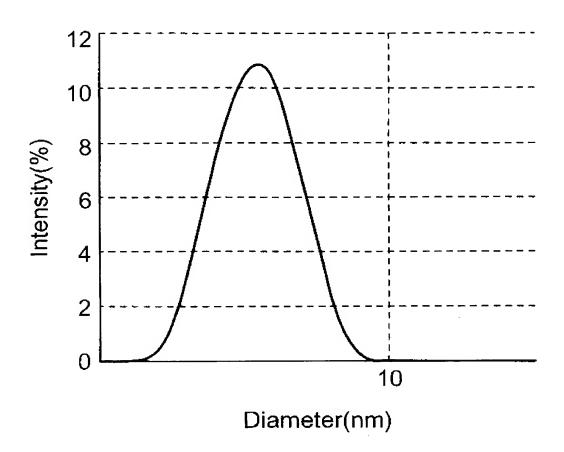


FIG. 5 10.00 70.0 0.00 60.0 50.0 -20.00 40.0 30.0 Heat Flow/μV -40.00 Weight% 20.0 -60.00 10.0 0.0 -80.00 -10.0 -20.0 -100.00 -30.0 500.0 -110.00 20.0 100.0 200.0 300.0 400.0 Temperature/°C

FIG. 6

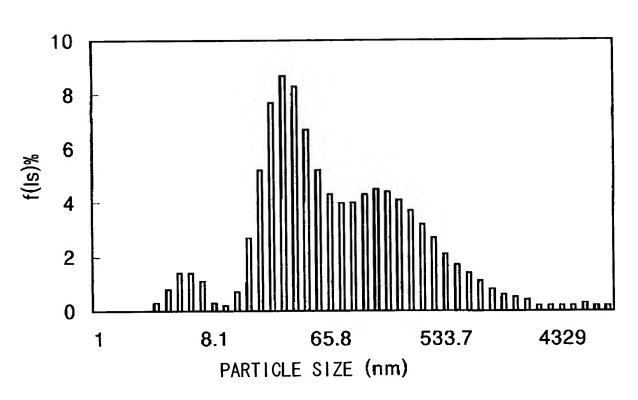
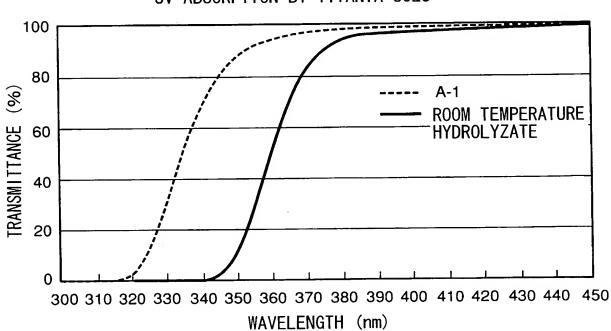
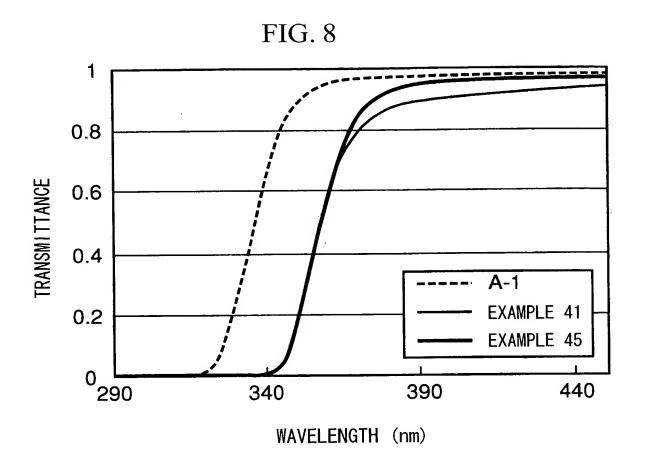


FIG. 7
UV ABSORPTION BY TITANIA SOLS





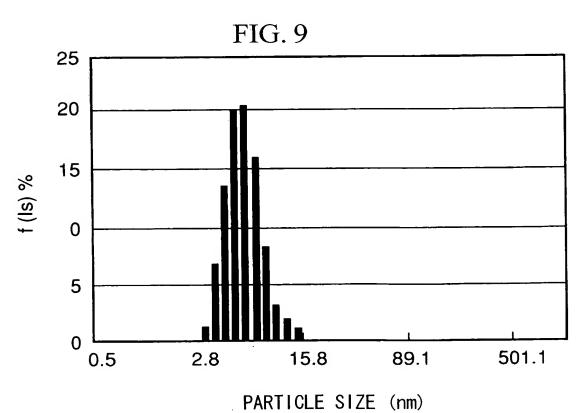


FIG. 10

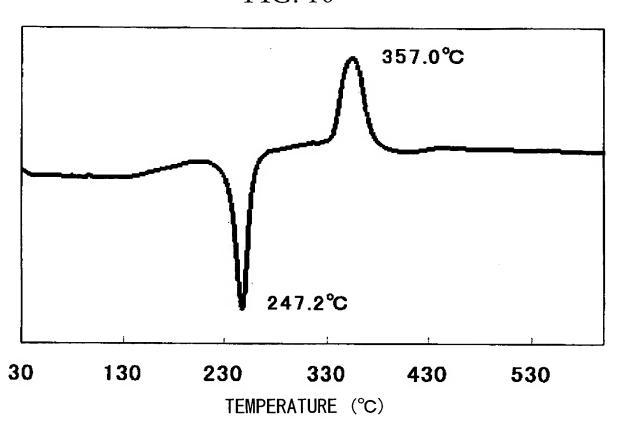
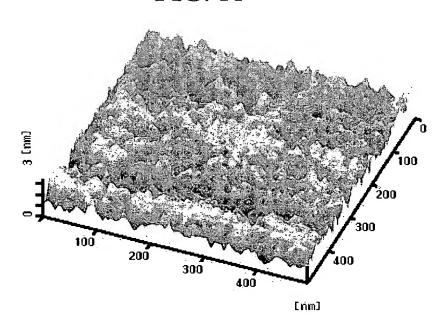
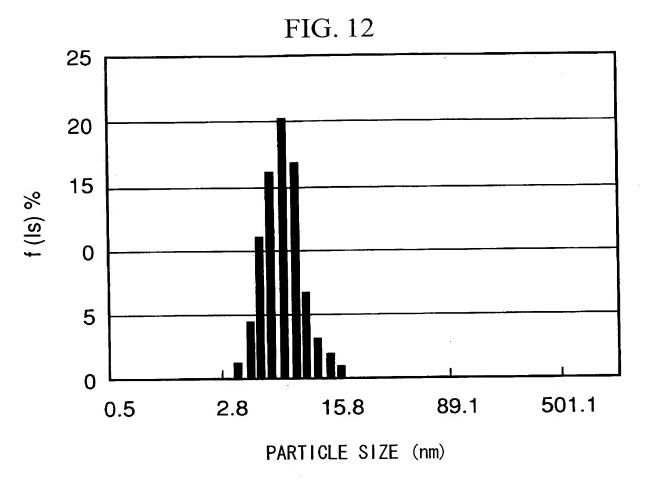
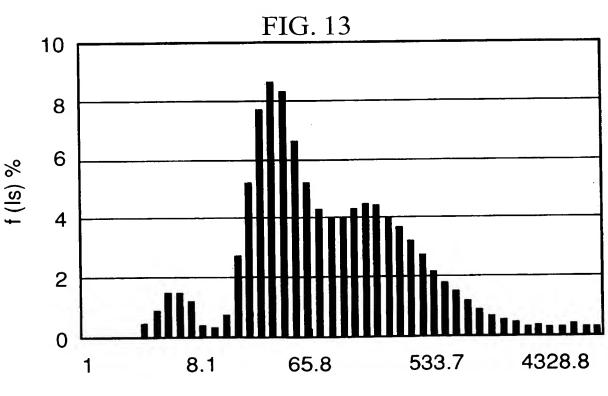


FIG. 11

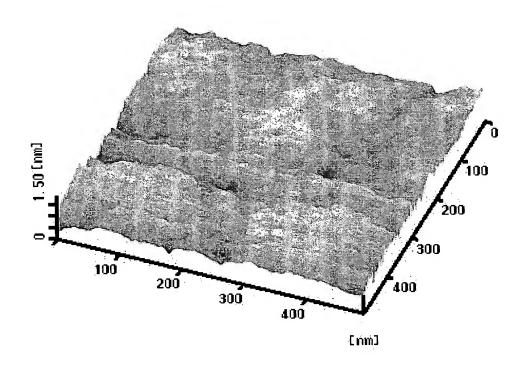


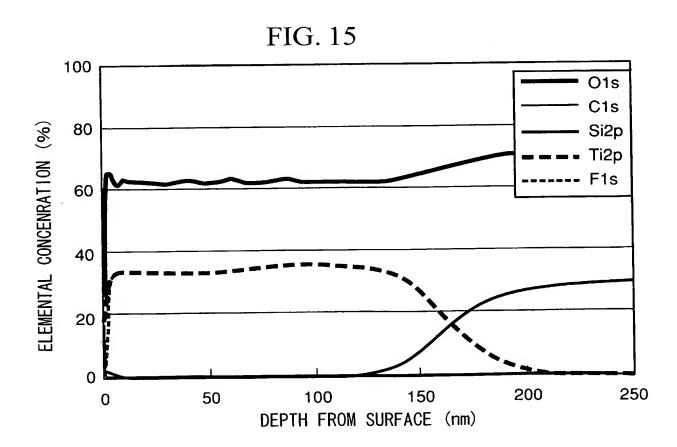




PARTICLE SIZE (nm)

FIG. 14





. .

FIG. 16

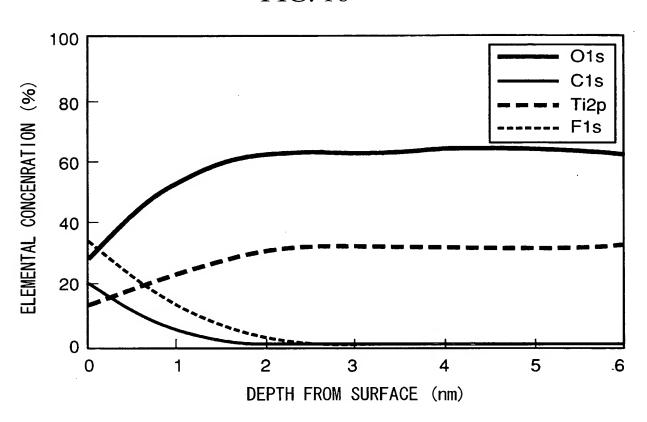


FIG. 17

